

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032519\
 Data File : BE099200.D
 Acq On : 26 Mar 2019 3:45
 Operator : JU/SJ
 Sample : K2073-06RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 P004-TW001-01

Quant Time: Mar 26 07:12:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 07:02:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3424	0.40	ng	0.00
7) Naphthalene-d8	10.63	136	15337	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	11577	0.40	ng	-0.01
19) Phenanthrene-d10	17.21	188	31500	0.40	ng	0.00
27) Chrysene-d12	21.38	240	34747	0.40	ng	-0.01
34) Perylene-d12	23.90	264	31228	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.41	112	1727	0.17	ng	0.00
5) Phenol-d6	6.99	99	1459	0.09	ng	0.00
8) Nitrobenzene-d5	8.99	82	4470	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	11467	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	1467	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.10	172	21225	0.45	ng	0.00
25) Fluoranthene-d10	19.24	212	153744	0.40	ng	0.00
29) Terphenyl-d14	19.83	244	30620	0.41	ng	0.00

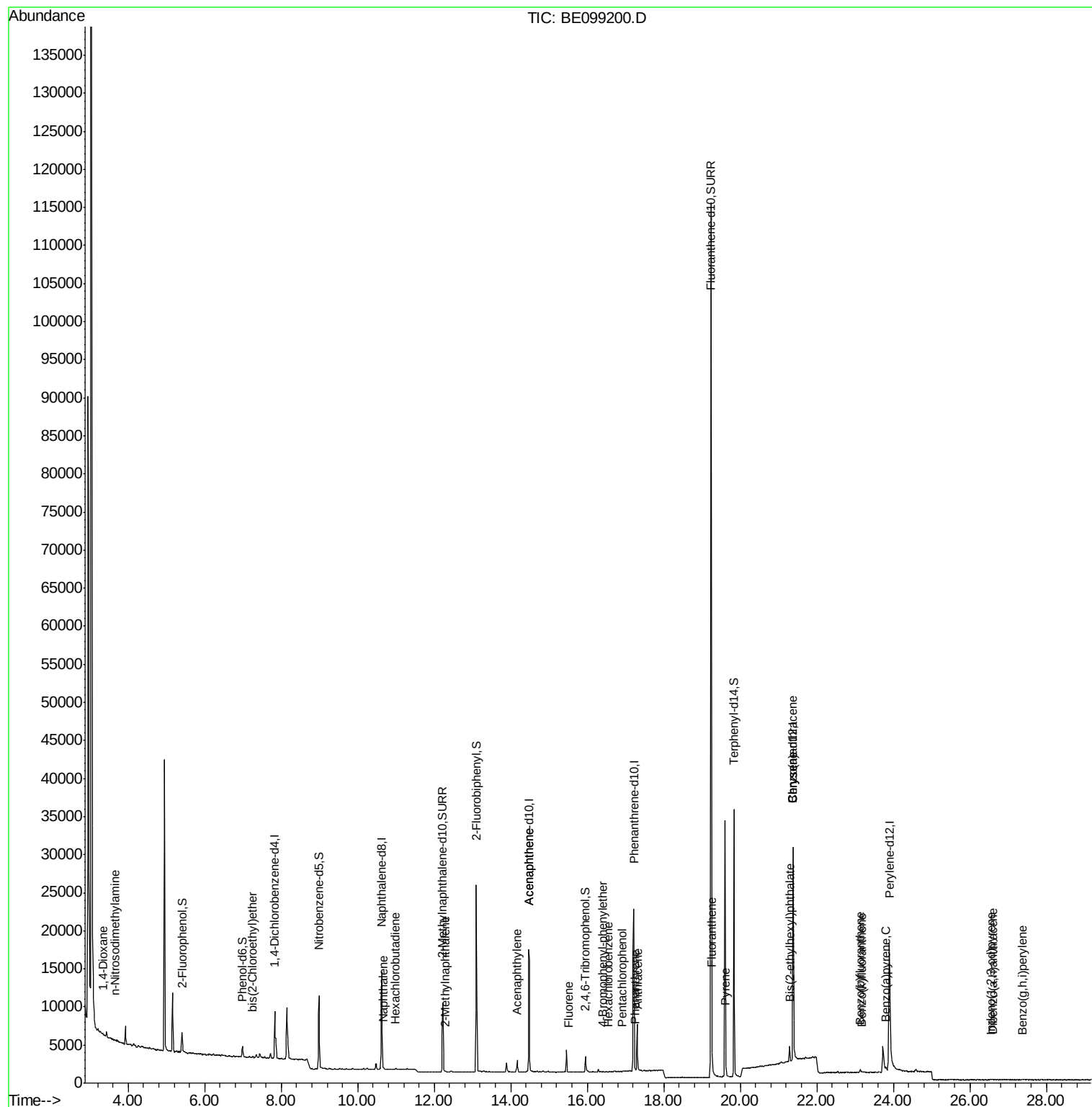
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	87	0.019	ng	# 30
3) n-Nitrosodimethylamine	3.65	42	84	0.033	ng	# 13
6) bis(2-Chloroethyl)ether	7.25	93	62	0.005	ng	# 1
9) Naphthalene	10.68	128	324	0.002	ng	# 63
10) Hexachlorobutadiene	10.98	225	5	0.001	ng	# 1
12) 2-Methylnaphthalene	12.30	142	51	0.002	ng	# 61
16) Acenaphthylene	14.17	152	32	0.001	ng	# 84
17) Acenaphthene	14.47	154	41	0.001	ng	# 3
18) Fluorene	15.51	166	16	0.000	ng	# 1
20) 4-Bromophenyl-phenylether	16.40	248	14	0.001	ng	# 57
21) Hexachlorobenzene	16.54	284	6	0.000	ng	# 43
22) Pentachlorophenol	16.91	266	10	0.242	ng	85
23) Phenanthrene	17.25	178	118	0.001	ng	# 1
24) Anthracene	17.32	178	36	0.000	ng	# 1
26) Fluoranthene	19.26	202	70	0.001	ng	# 70
28) Pyrene	19.63	202	148	0.001	ng	# 93
30) Benzo(a)anthracene	21.38	228	187	0.002	ng	# 34
31) Chrysene	21.38	228	167	0.001	ng	# 40
32) Bis(2-ethylhexyl)phthalate	21.29	149	2799	0.020	ng	# 96
33) Indeno(1,2,3-cd)pyrene	26.54	276	6	0.000	ng	# 1
35) Benzo(b)fluoranthene	23.14	252	182	0.002	ng	# 1
36) Benzo(k)fluoranthene	23.17	252	77	0.001	ng	# 1
37) Benzo(a)pyrene	23.79	252	40	0.000	ng	# 1
38) Dibenzo(a,h)anthracene	26.59	278	2	0.000	ng	# 1
39) Benzo(g,h,i)perylene	27.38	276	13	0.000	ng	# 1

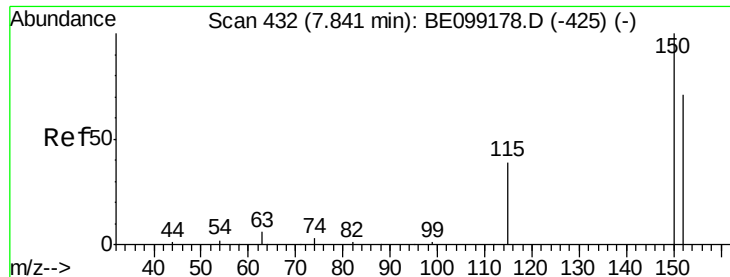
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 26 07:02:06 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.84 min Scan# 432

Delta R.T. -0.00 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

P004-TW001-01

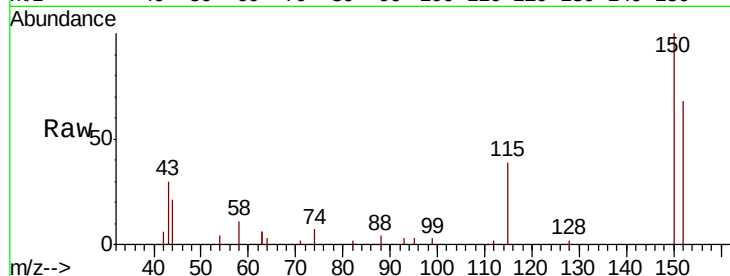
Tgt Ion: 152 Resp: 3424

Ion Ratio Lower Upper

152 100

150 147.8 112.8 169.2

115 58.3 45.1 67.7

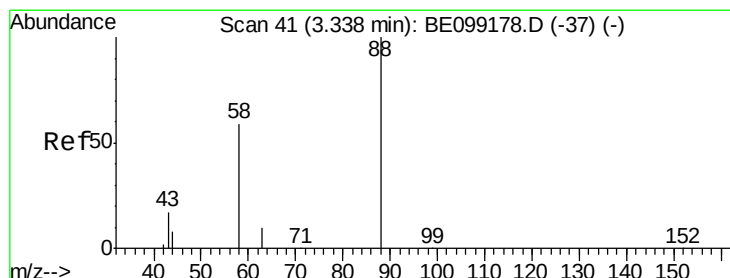
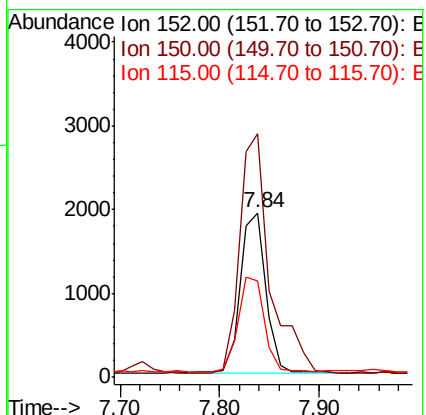
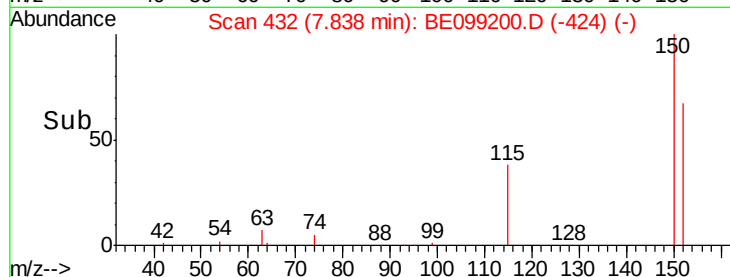


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.019 ng

RT: 3.35 min Scan# 42

Delta R.T. 0.01 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

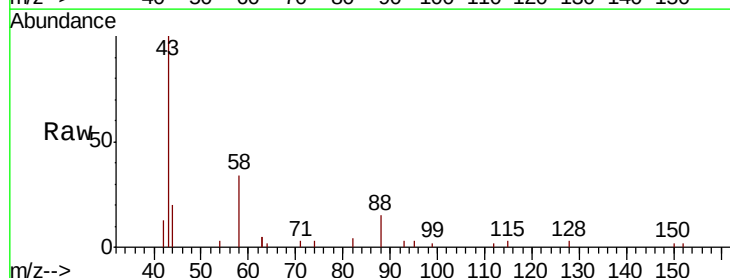
Tgt Ion: 88 Resp: 87

Ion Ratio Lower Upper

88 100

58 0.0 47.4 71.0#

43 0.0 15.6 23.4#

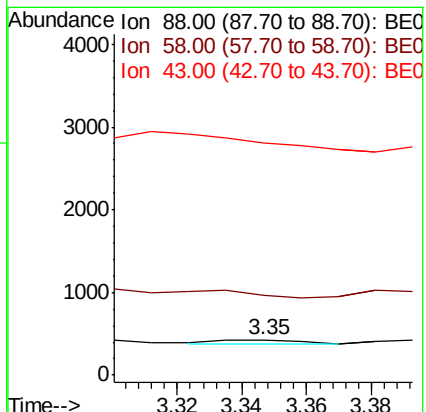
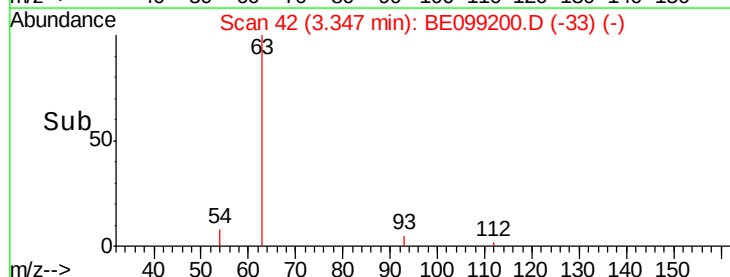


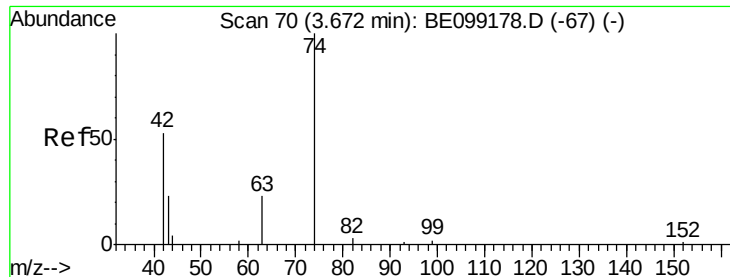
Abundance

Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.033 ng

RT: 3.65 min Scan# 68

Delta R.T. -0.03 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

P004-TW001-01

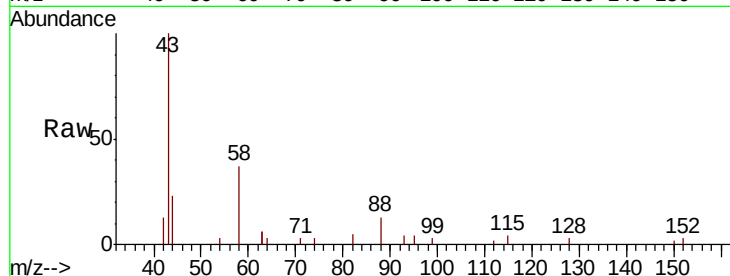
Tgt Ion: 42 Resp: 84

Ion Ratio Lower Upper

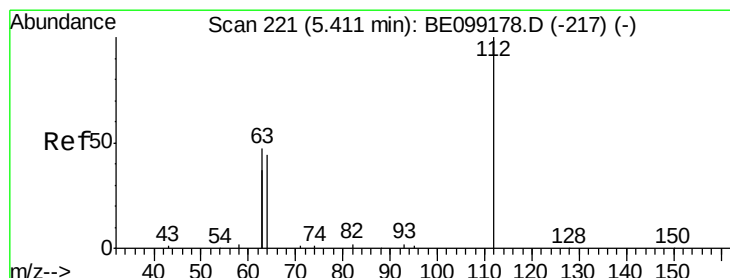
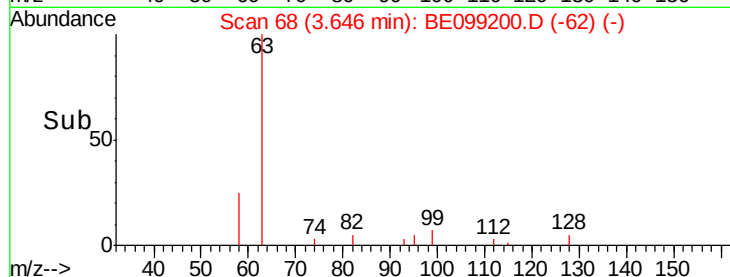
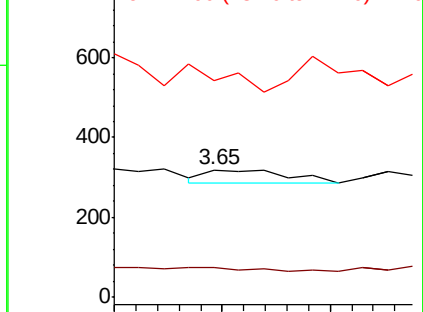
42 100

74 45.2 138.6 207.8#

44 0.0 15.0 22.6#



Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.169 ng

RT: 5.41 min Scan# 221

Delta R.T. -0.00 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

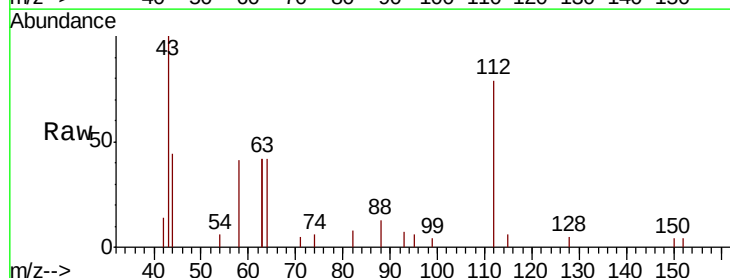
Tgt Ion: 112 Resp: 1727

Ion Ratio Lower Upper

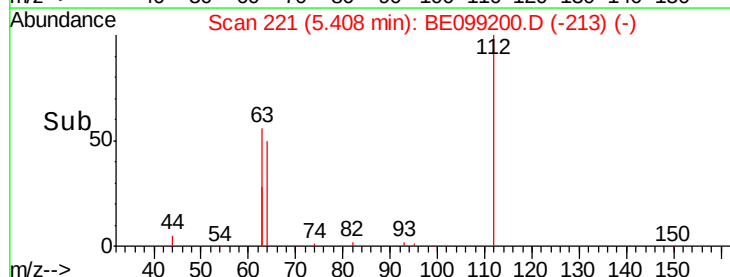
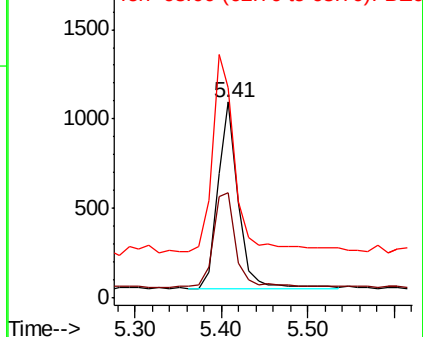
112 100

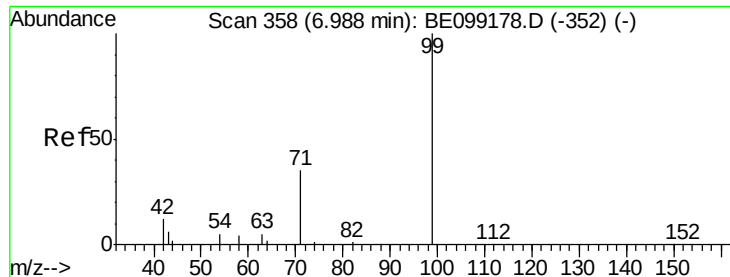
64 59.5 46.2 69.2

63 117.8 89.9 134.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.093 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.00 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

P004-TW001-01

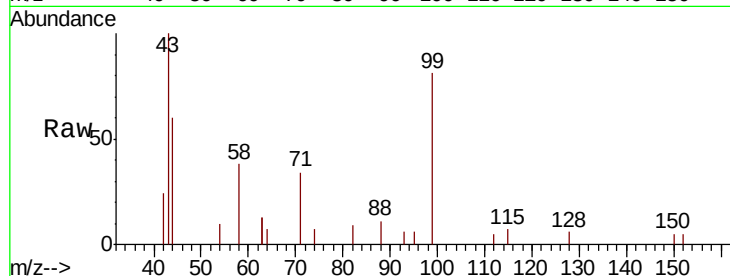
Tgt Ion: 99 Resp: 1459

Ion Ratio Lower Upper

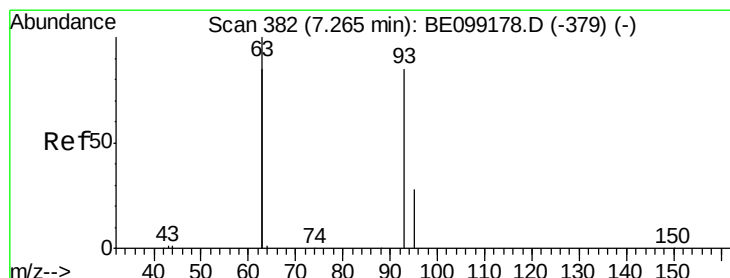
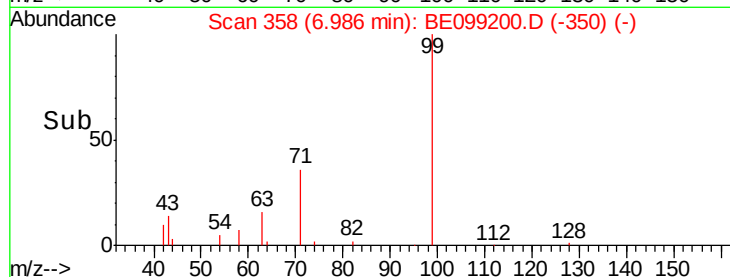
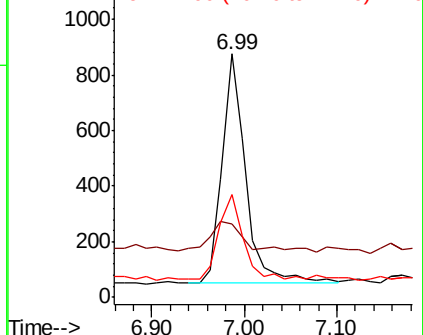
99 100

42 15.8 12.4 18.6

71 38.1 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

bis(2-Chloroethyl)ether

Concen: 0.005 ng

RT: 7.25 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

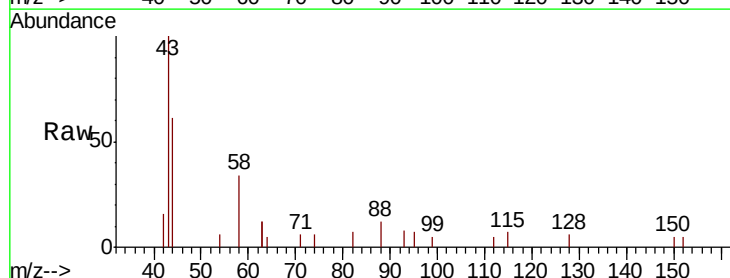
Tgt Ion: 93 Resp: 62

Ion Ratio Lower Upper

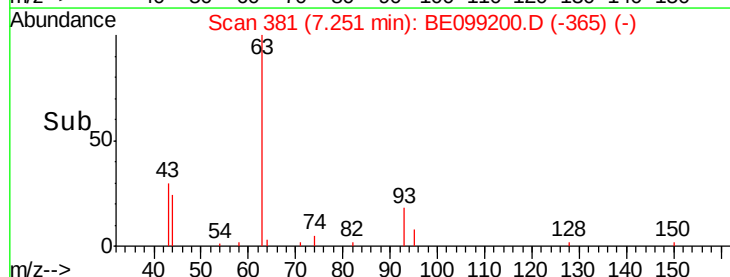
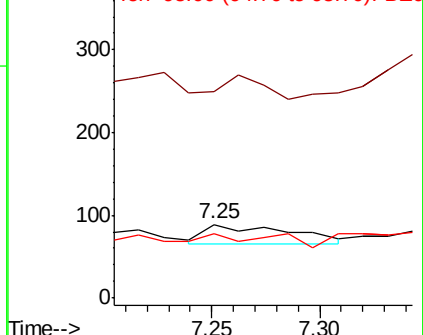
93 100

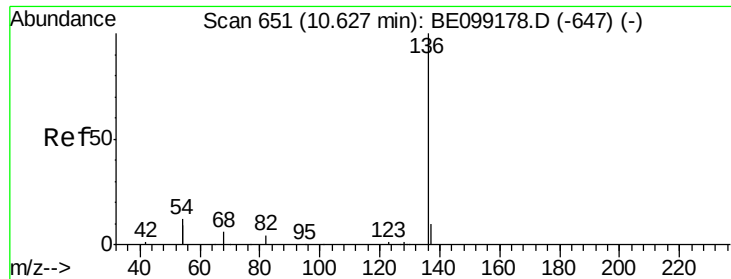
63 75.8 221.4 332.0#

95 59.7 25.8 38.8#



Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

P004-TW001-01

Tgt Ion:136 Resp: 15337

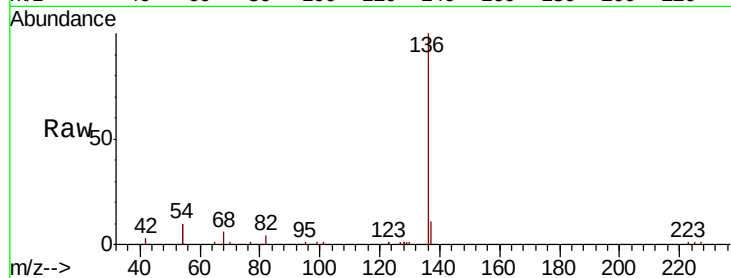
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 20.5 18.7 28.1

68 5.7 5.2 7.8

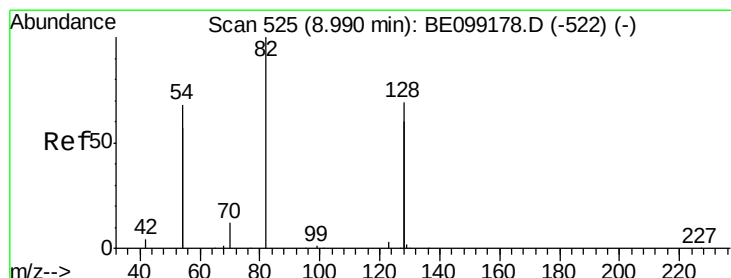
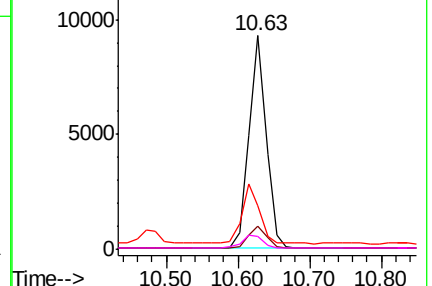
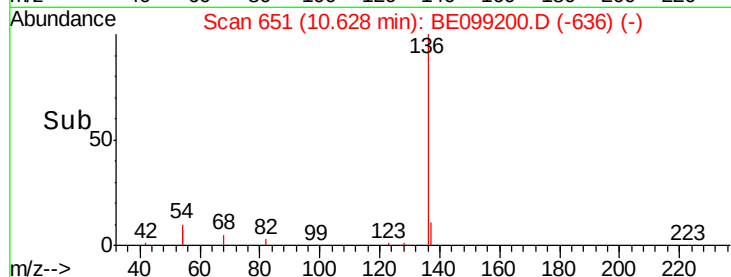


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.357 ng

RT: 8.99 min Scan# 525

Delta R.T. 0.00 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

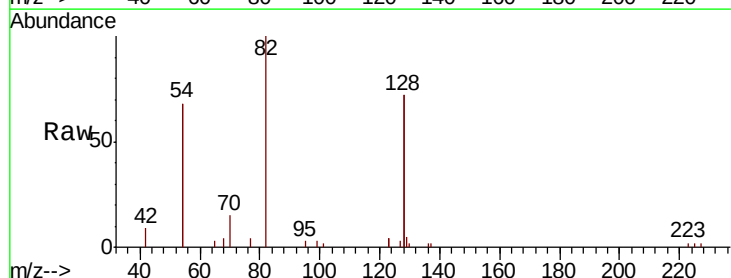
Tgt Ion: 82 Resp: 4470

Ion Ratio Lower Upper

82 100

128 144.2 107.5 161.3

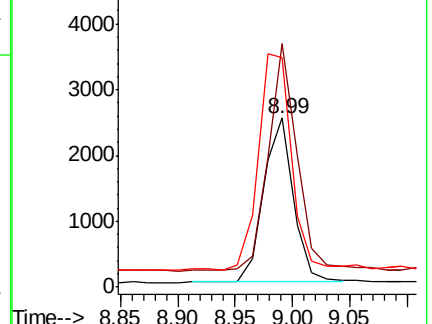
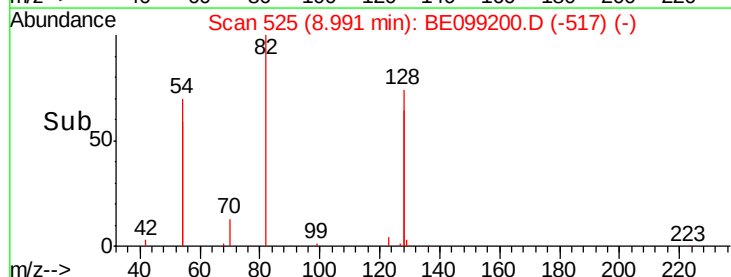
54 135.6 106.3 159.5

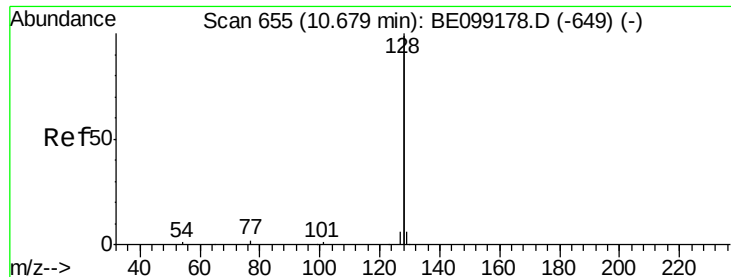


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

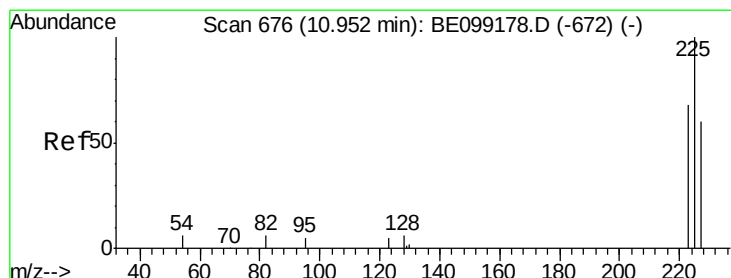
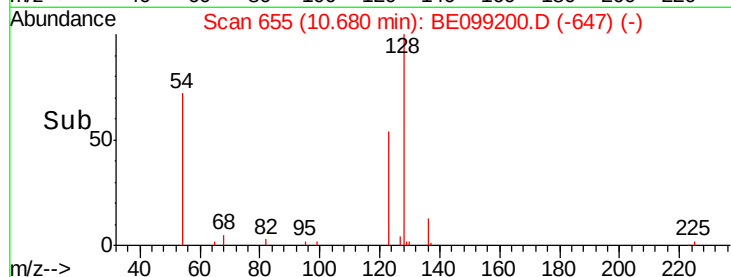
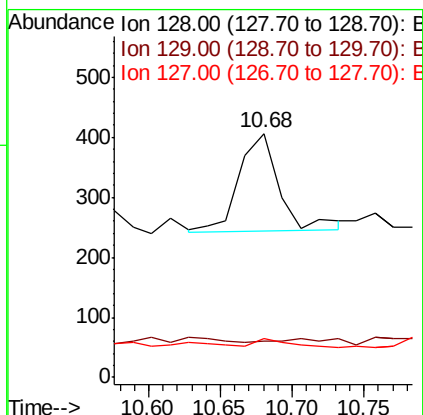
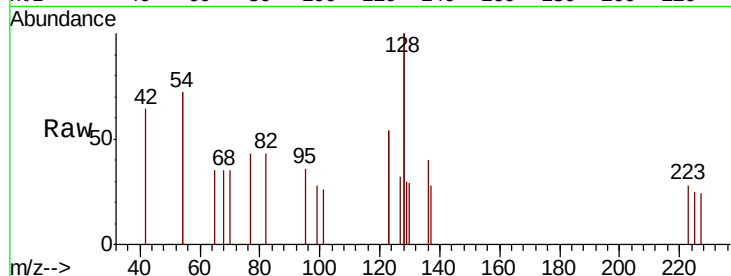




#9
Naphthalene
Concen: 0.002 ng
RT: 10.68 min Scan# 655
Delta R.T. 0.00 min
Lab File: BE099200.D
Acq: 26 Mar 2019 3:45

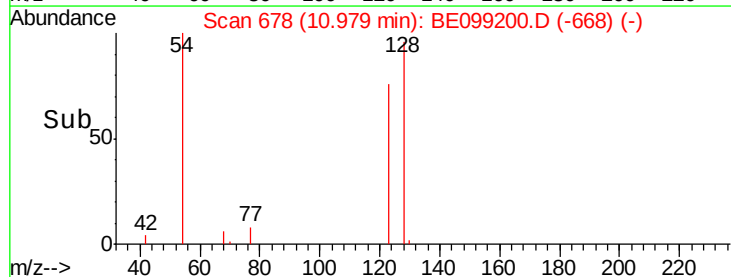
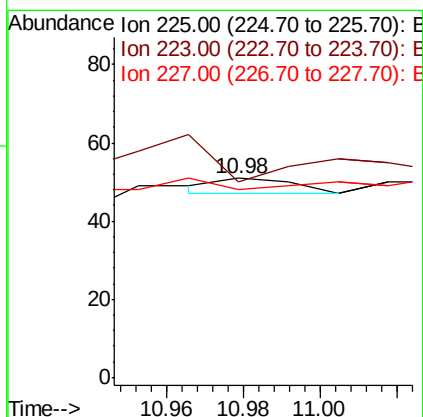
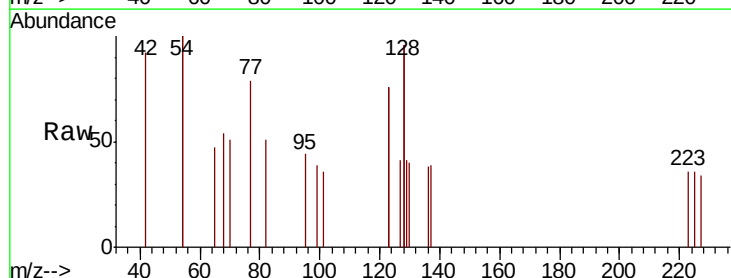
Instrument :
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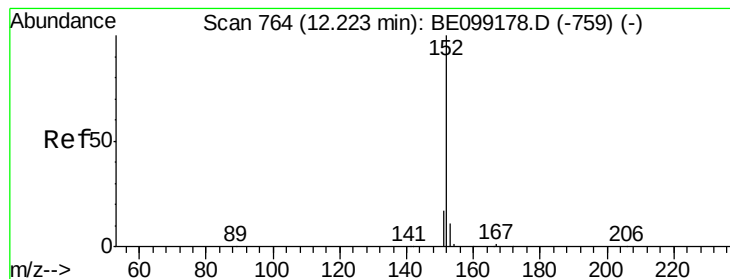
Tgt Ion:128 Resp: 324
Ion Ratio Lower Upper
128 100
129 14.8 2.3 3.5#
127 16.0 2.6 3.8#



#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.98 min Scan# 678
Delta R.T. 0.03 min
Lab File: BE099200.D
Acq: 26 Mar 2019 3:45

Tgt Ion:225 Resp: 5
Ion Ratio Lower Upper
225 100
223 280.0 51.3 76.9#
227 40.0 48.6 73.0#





#11

2-Methylnaphthalene-d10

Concen: 0.388 ng

RT: 12.22 min Scan# 764

Delta R.T. 0.00 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

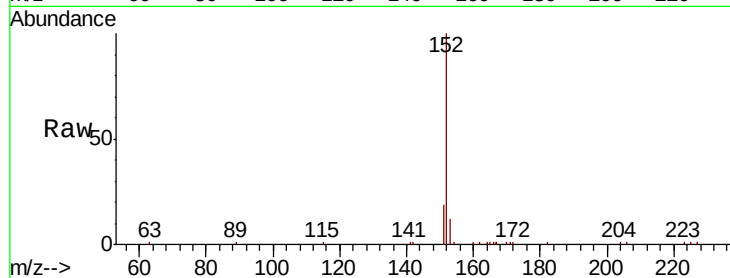
P004-TW001-01

Tgt Ion:152 Resp: 11467

Ion Ratio Lower Upper

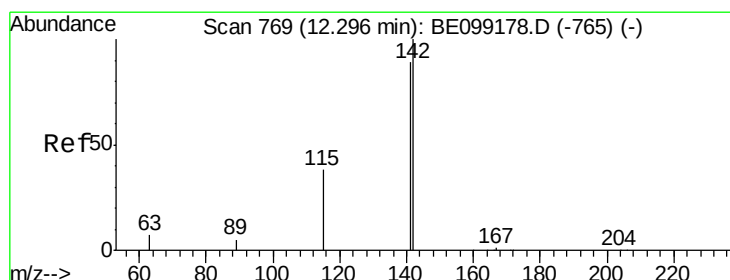
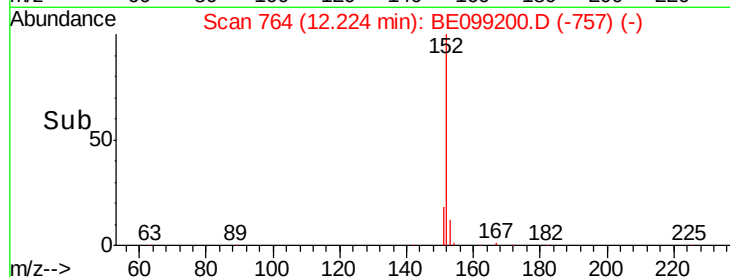
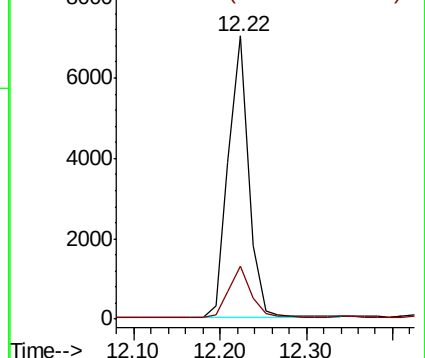
152 100

151 19.1 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.002 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.00 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

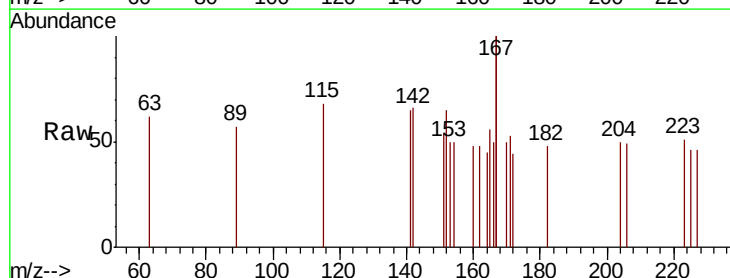
Tgt Ion:142 Resp: 51

Ion Ratio Lower Upper

142 100

141 98.6 71.3 106.9

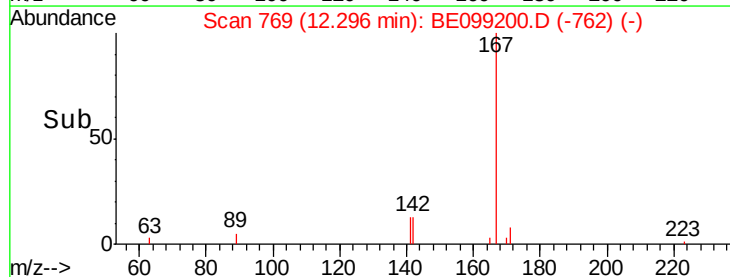
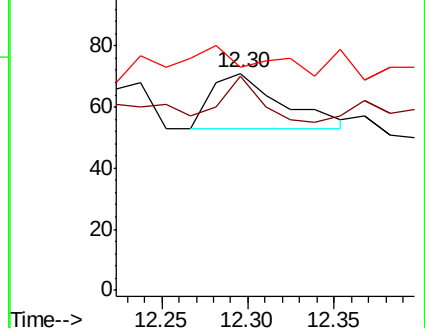
115 102.8 30.4 45.6#

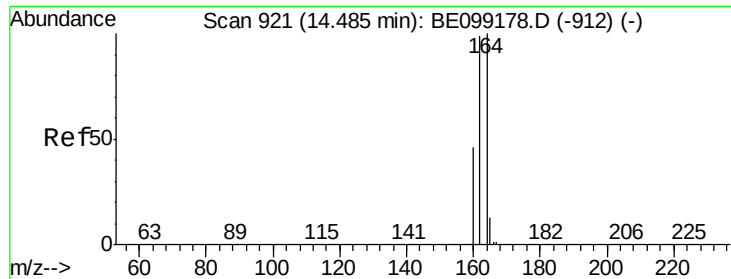


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

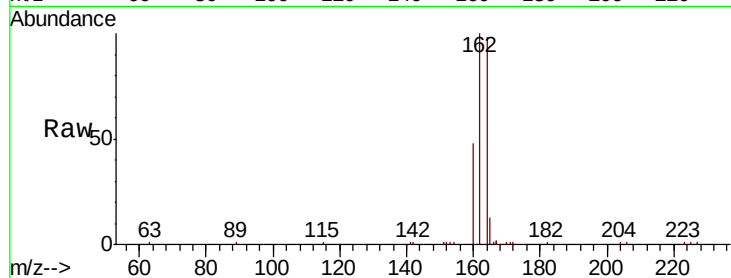




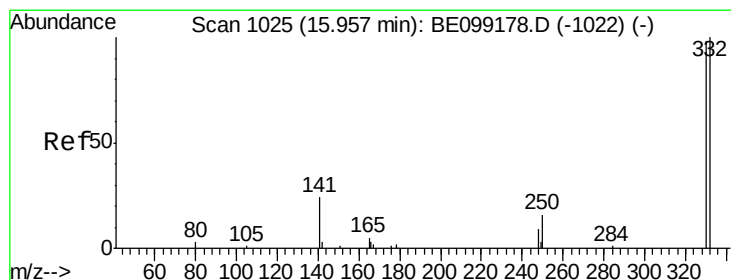
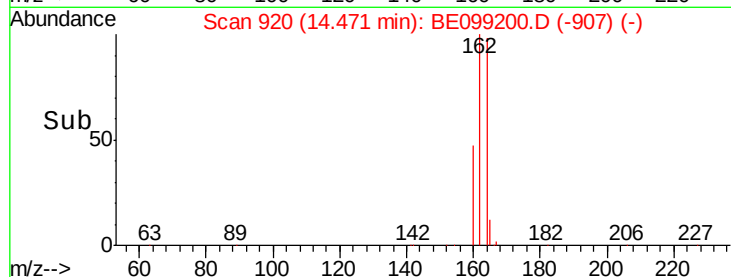
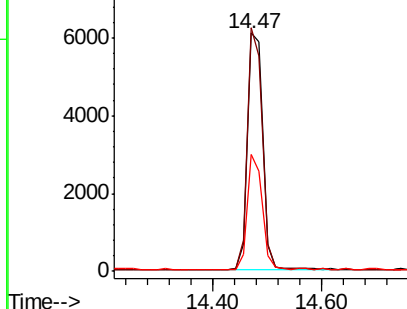
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.01 min
Lab File: BE099200.D
Acq: 26 Mar 2019 3:45

Instrument :
BNA_E
ClientSampleId :
P004-TW001-01

Tgt Ion:164 Resp: 11577
Ion Ratio Lower Upper
164 100
162 102.4 79.2 118.8
160 49.0 36.7 55.1

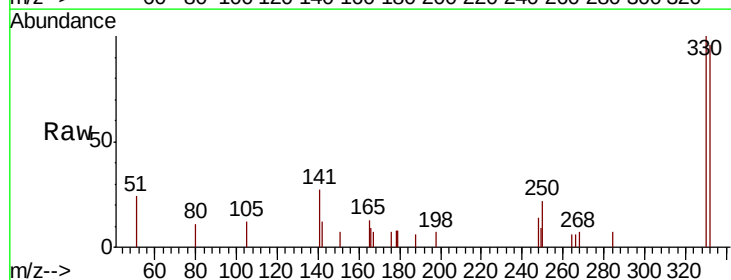


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

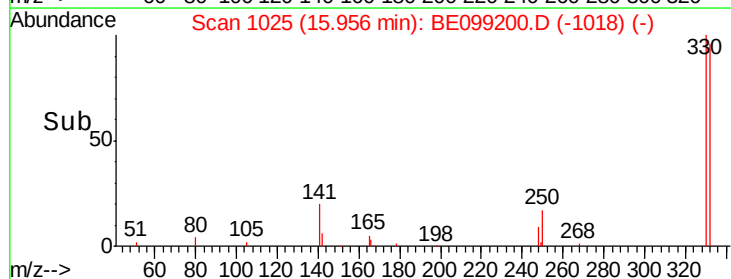
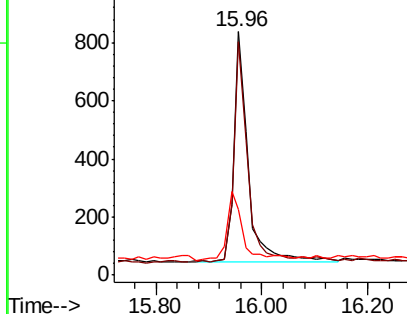


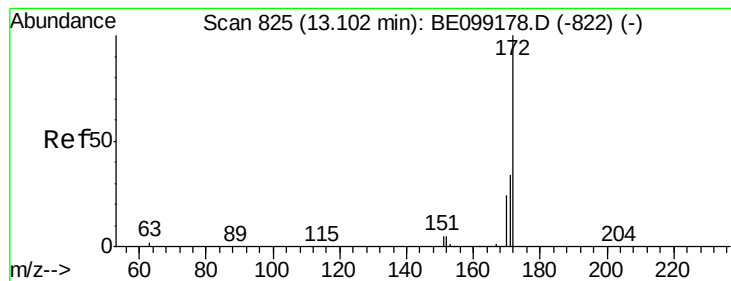
#14
2,4,6-Tribromophenol
Concen: 0.452 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BE099200.D
Acq: 26 Mar 2019 3:45

Tgt Ion:330 Resp: 1467
Ion Ratio Lower Upper
330 100
332 92.5 71.3 106.9
141 30.7 21.7 32.5



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.450 ng

RT: 13.10 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

P004-TW001-01

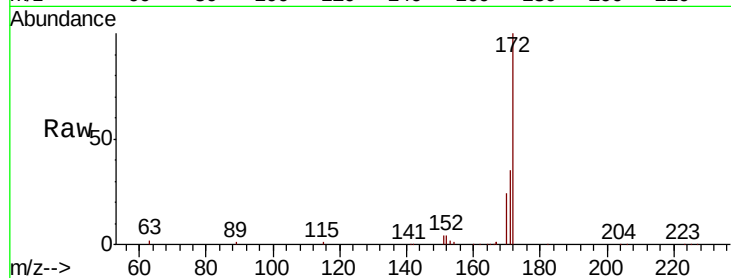
Tgt Ion:172 Resp: 21225

Ion Ratio Lower Upper

172 100

171 35.4 27.4 41.0

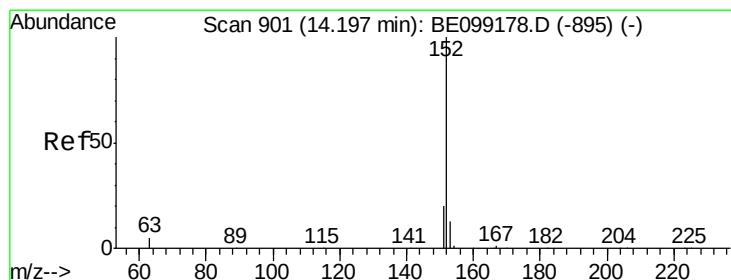
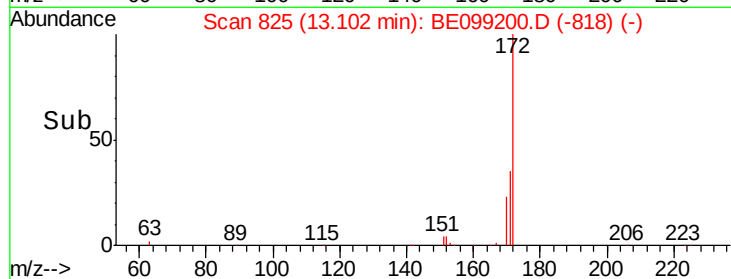
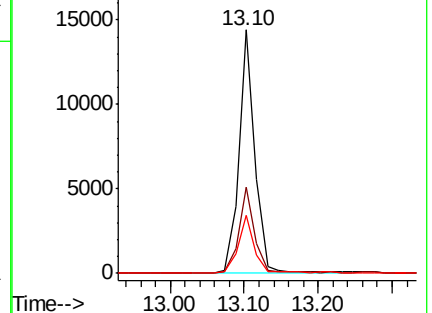
170 23.7 19.1 28.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.001 ng

RT: 14.17 min Scan# 899

Delta R.T. -0.03 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

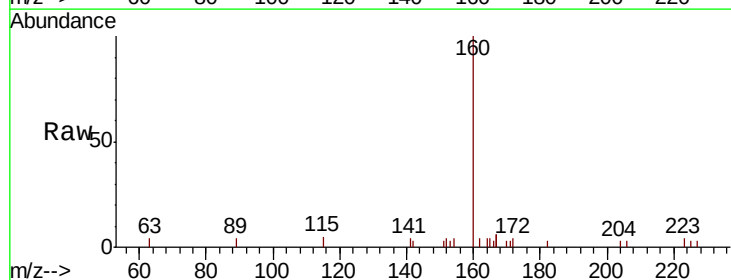
Tgt Ion:152 Resp: 32

Ion Ratio Lower Upper

152 100

151 21.9 15.7 23.5

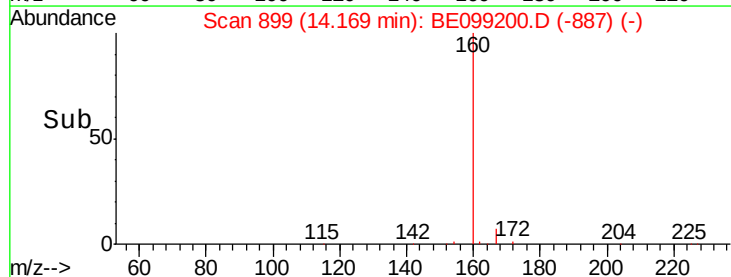
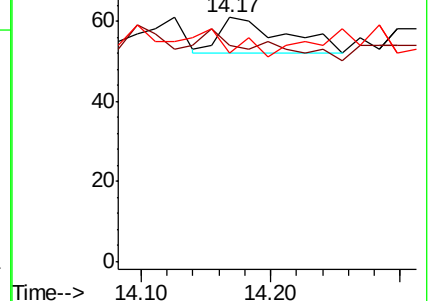
153 0.0 10.6 15.8#

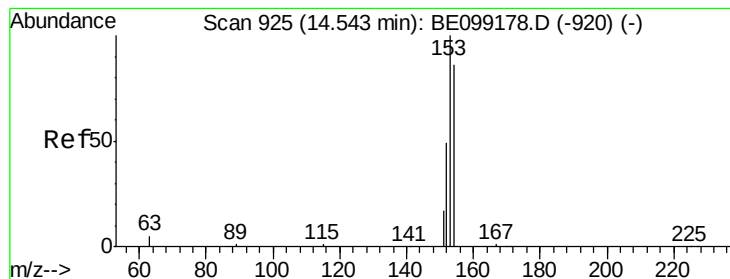


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.001 ng

RT: 14.47 min Scan# 920

Delta R.T. -0.07 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

P004-TW001-01

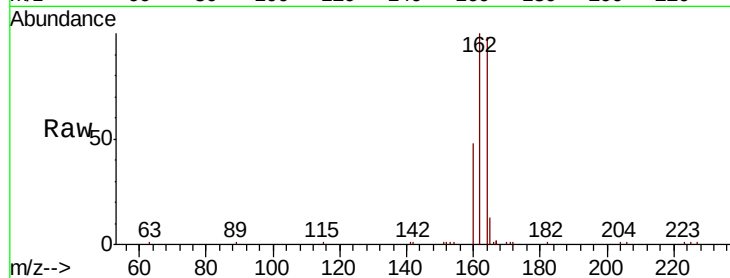
Tgt Ion:154 Resp: 41

Ion Ratio Lower Upper

154 100

153 0.0 93.4 140.0#

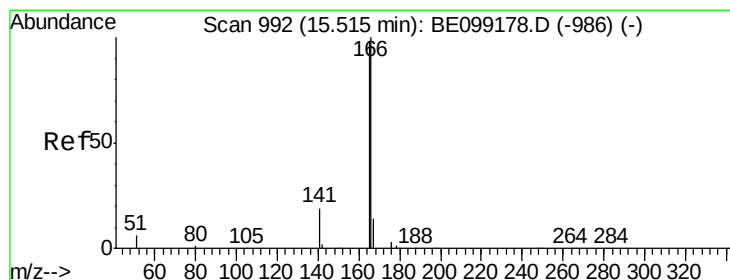
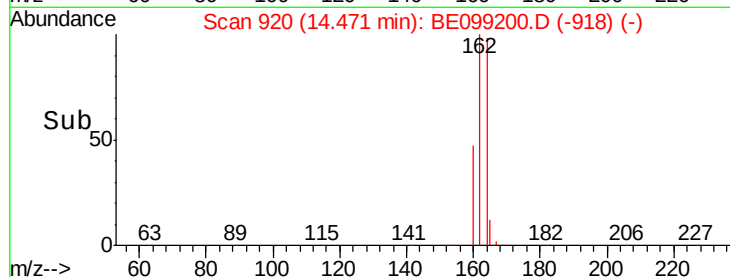
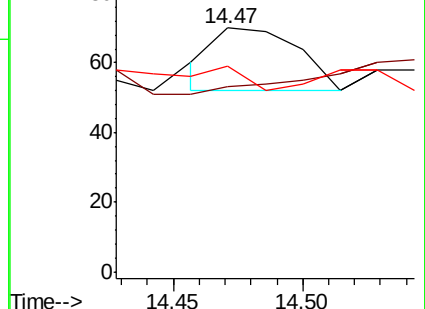
152 0.0 46.6 69.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.000 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

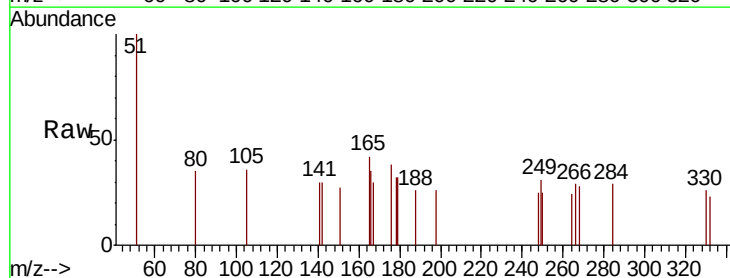
Tgt Ion:166 Resp: 16

Ion Ratio Lower Upper

166 100

165 462.5 78.9 118.3#

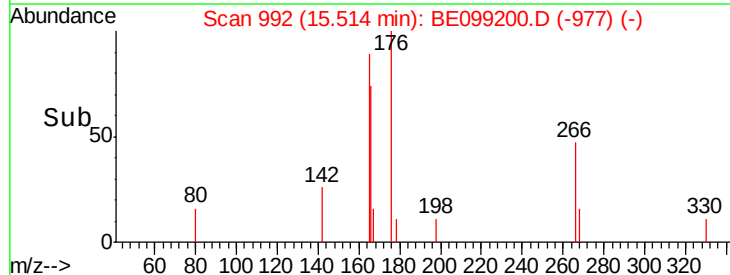
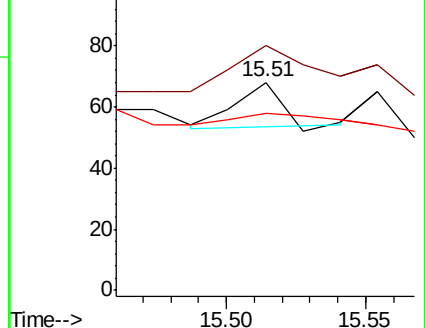
167 168.8 10.9 16.3#

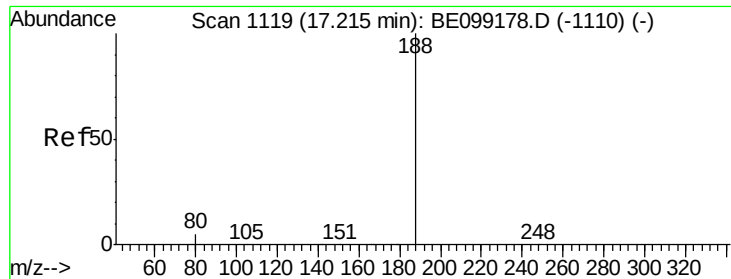


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

P004-TW001-01

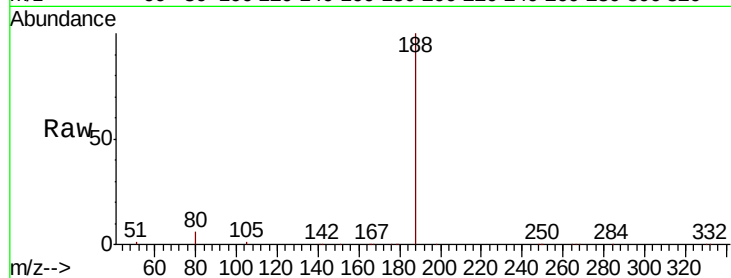
Tgt Ion:188 Resp: 31500

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

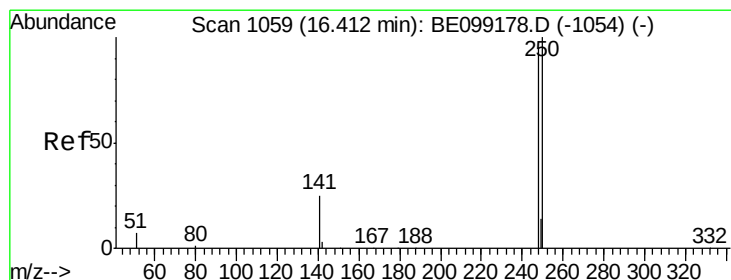
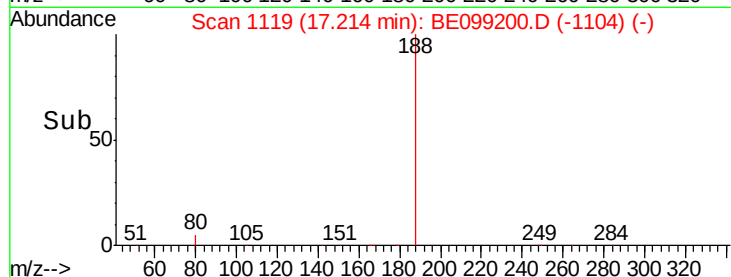
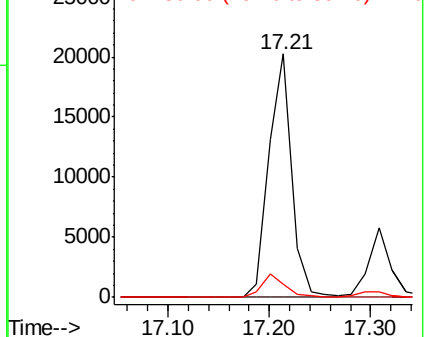
80 5.7 4.5 6.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.001 ng

RT: 16.40 min Scan# 1058

Delta R.T. -0.01 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

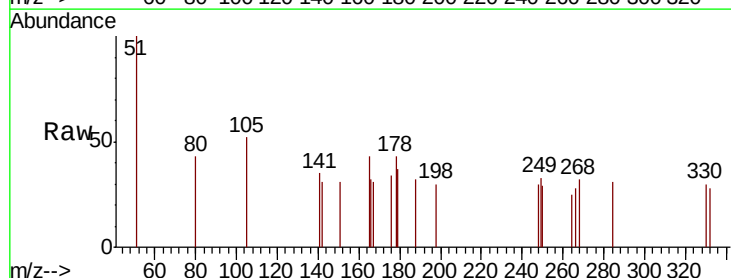
Tgt Ion:248 Resp: 14

Ion Ratio Lower Upper

248 100

250 94.5 84.2 126.2

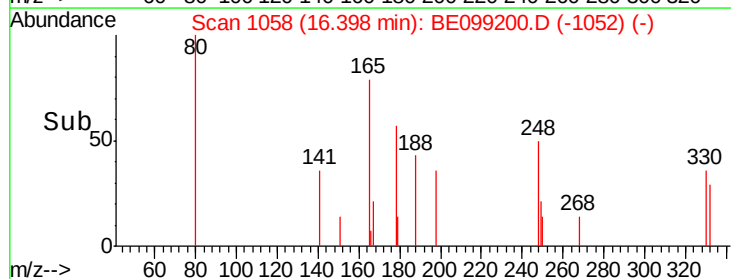
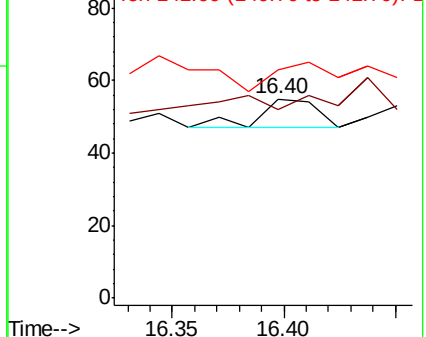
141 114.5 21.8 32.6#

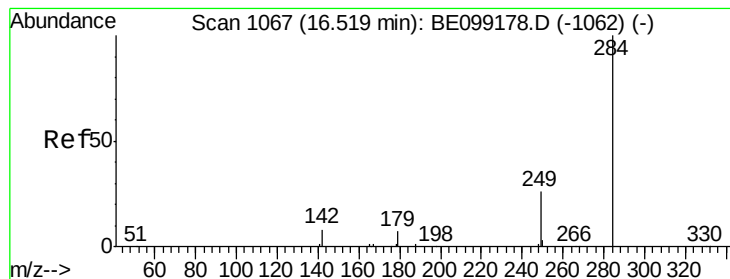


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.000 ng

RT: 16.54 min Scan# 1069

Delta R.T. 0.03 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

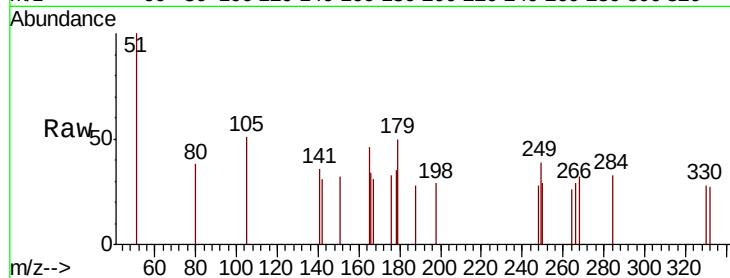
Instrument :

BNA_E

ClientSampleId :

P004-TW001-01

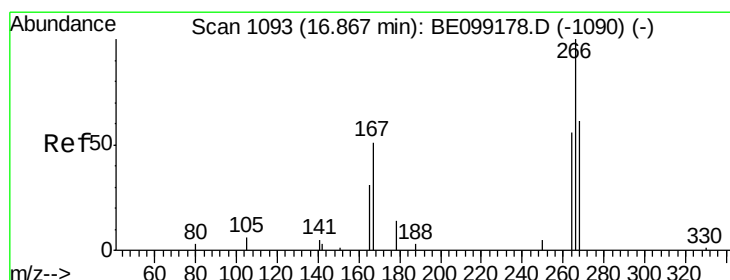
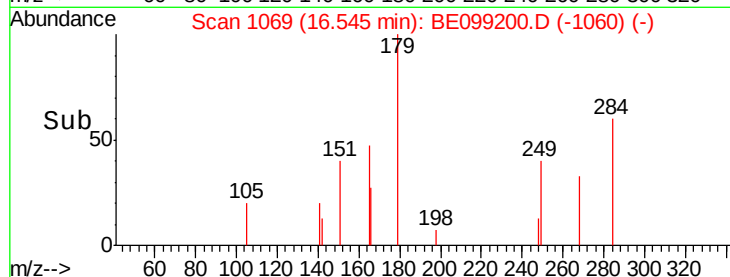
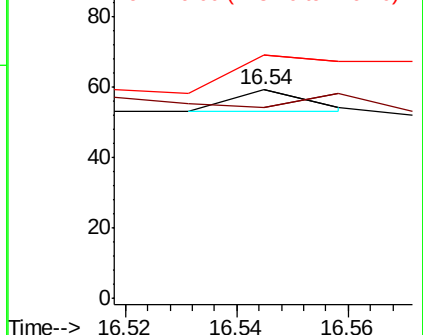
Tgt Ion:	284	Resp:	6
Ion Ratio	Lower	Upper	
284	100		
142	0.0	22.7	34.1#
249	0.0	26.9	40.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.242 ng

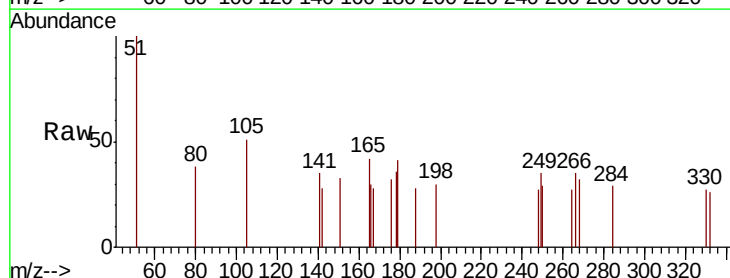
RT: 16.91 min Scan# 1096

Delta R.T. 0.04 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

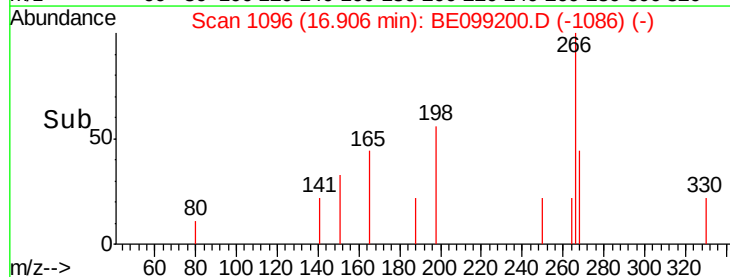
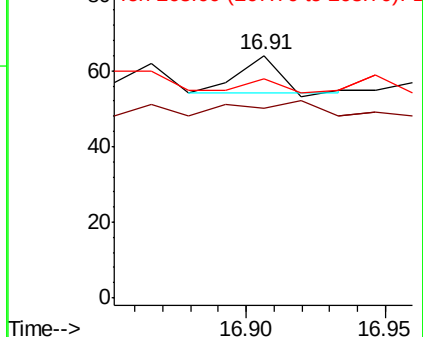
Tgt Ion:	266	Resp:	10
Ion Ratio	Lower	Upper	
266	100		
264	78.1	54.4	81.6
268	90.6	61.3	91.9

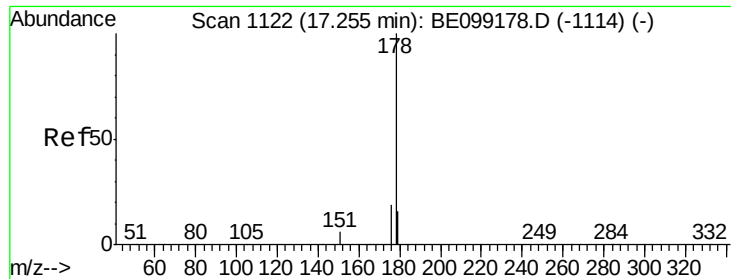


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.001 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

P004-TW001-01

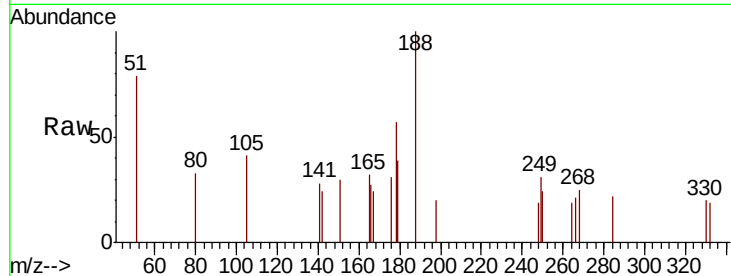
Tgt Ion:178 Resp: 118

Ion Ratio Lower Upper

178 100

176 39.0 15.4 23.2#

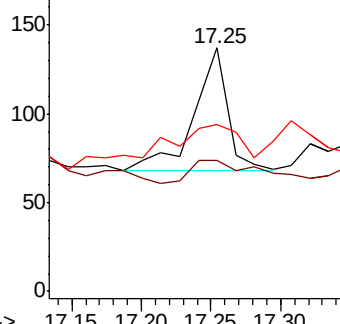
179 90.7 12.3 18.5#



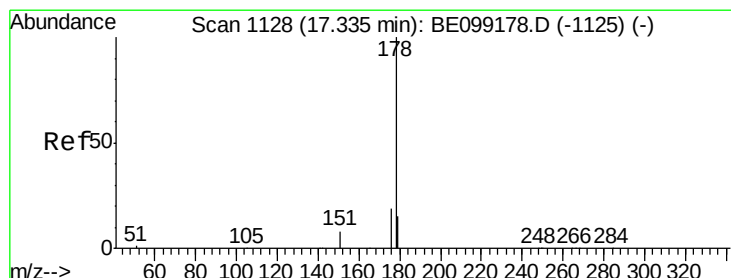
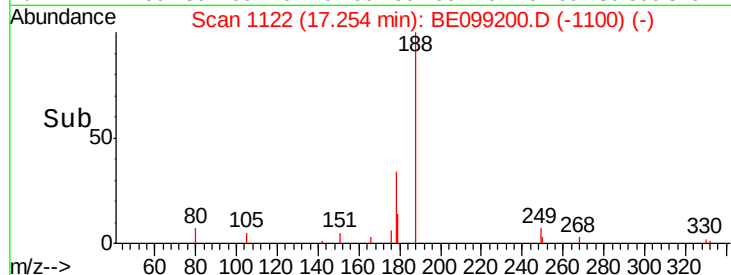
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#24

Anthracene

Concen: 0.000 ng

RT: 17.32 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

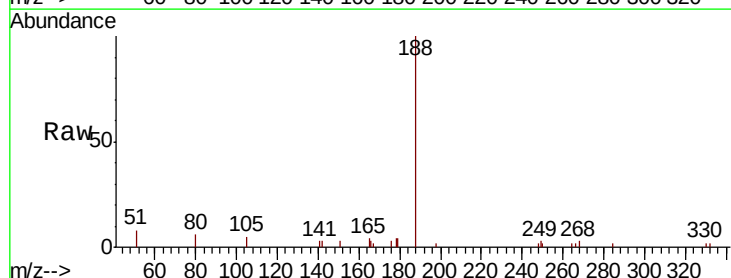
Tgt Ion:178 Resp: 36

Ion Ratio Lower Upper

178 100

176 0.0 15.1 22.7#

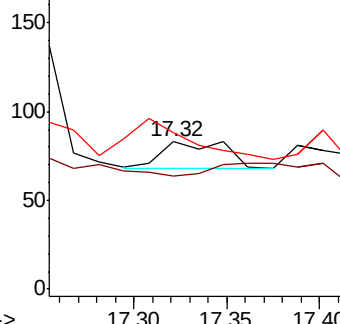
179 147.2 12.4 18.6#



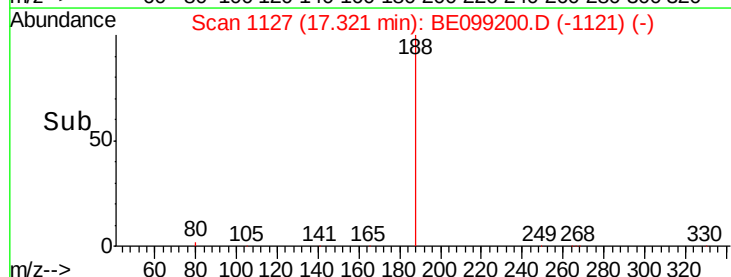
Abundance Ion 178.00 (177.70 to 178.70): E

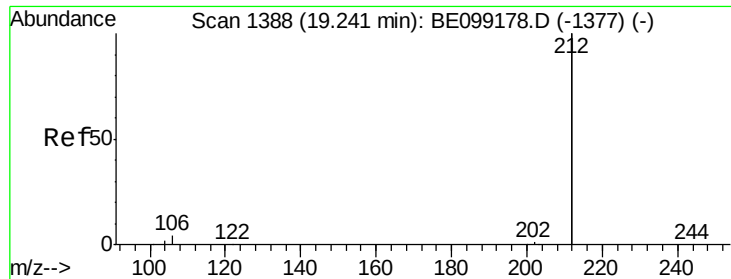
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

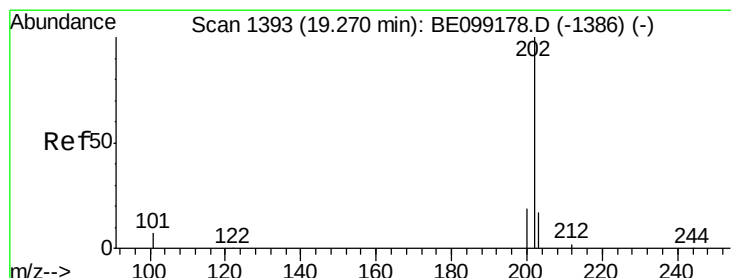
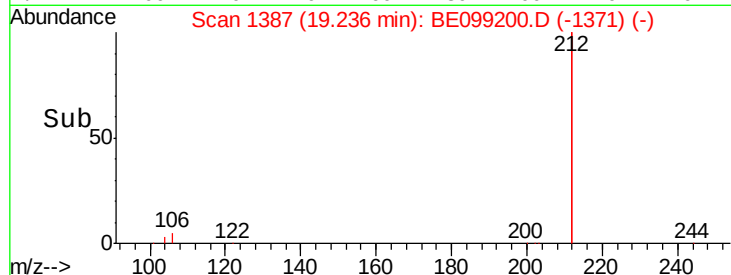
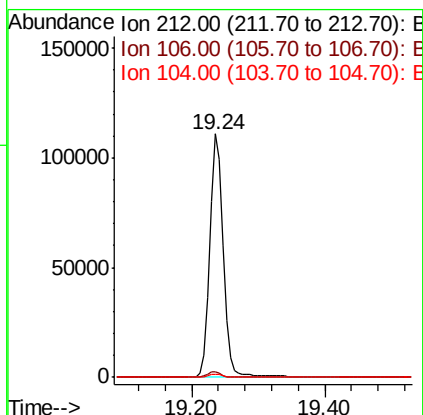
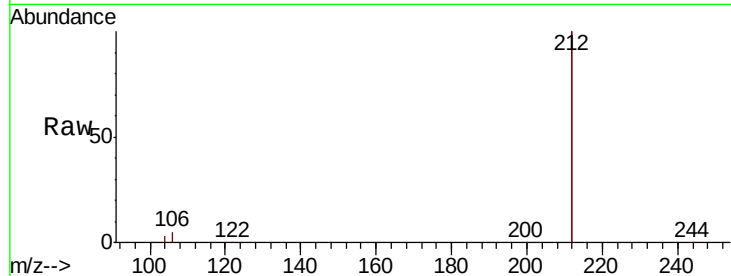




#25
 Fluoranthene-d10
 Concen: 0.403 ng
 RT: 19.24 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BE099200.D
 Acq: 26 Mar 2019 3:45

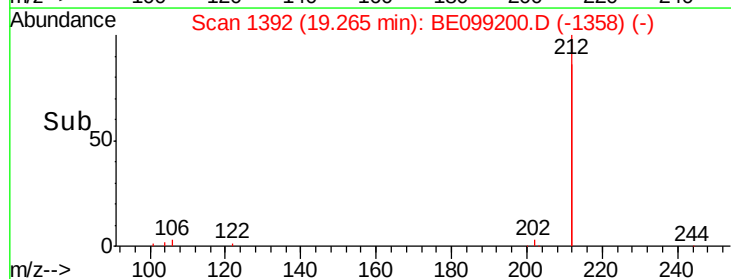
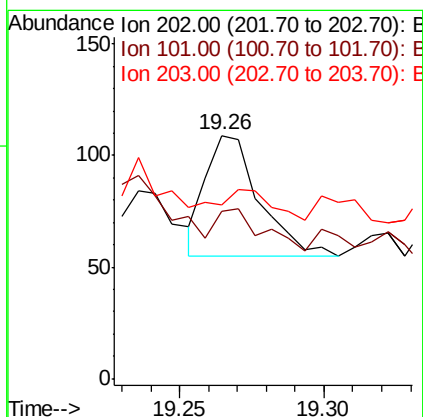
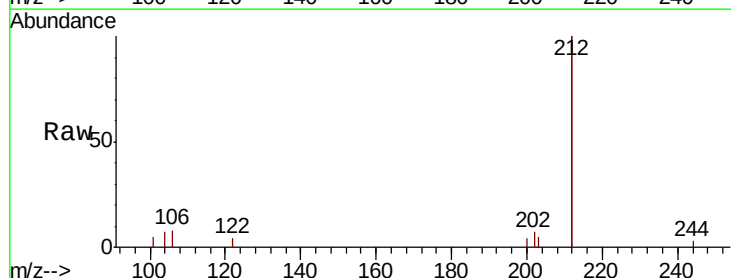
Instrument :
 BNA_E
 ClientSampleId :
 P004-TW001-01

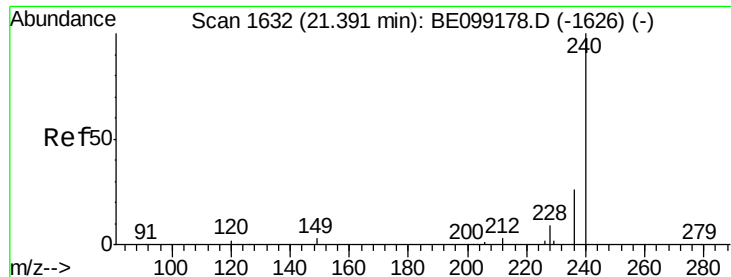
Tgt Ion: 212 Resp: 153744
 Ion Ratio Lower Upper
 212 100
 106 2.3 1.8 2.8
 104 1.3 1.1 1.7



#26
 Fluoranthene
 Concen: 0.001 ng
 RT: 19.26 min Scan# 1392
 Delta R.T. -0.01 min
 Lab File: BE099200.D
 Acq: 26 Mar 2019 3:45

Tgt Ion: 202 Resp: 70
 Ion Ratio Lower Upper
 202 100
 101 31.4 7.0 10.4#
 203 22.9 13.8 20.6#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

P004-TW001-01

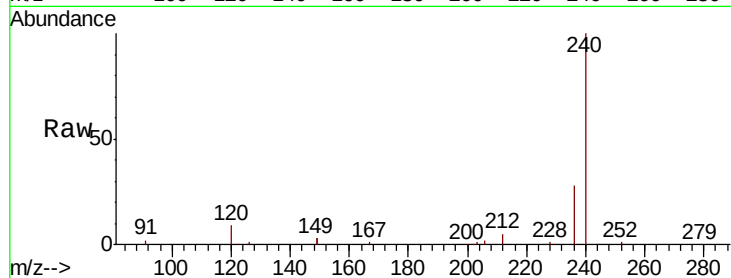
Tgt Ion:240 Resp: 34747

Ion Ratio Lower Upper

240 100

120 8.5 2.6 3.8#

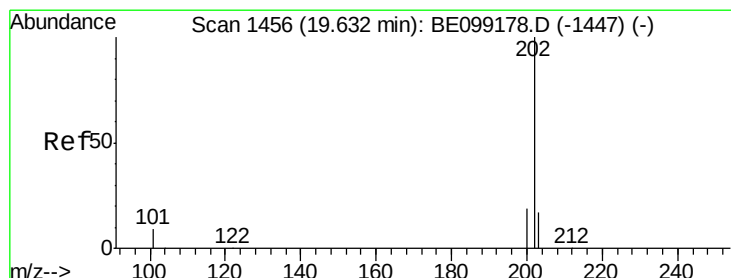
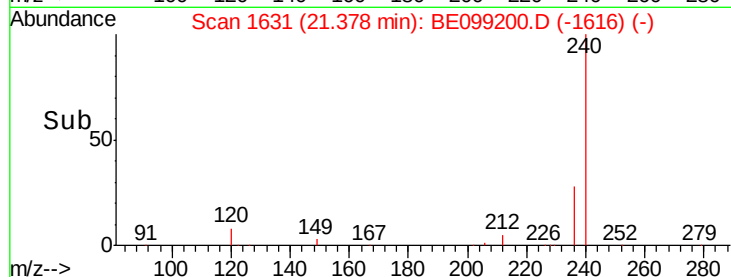
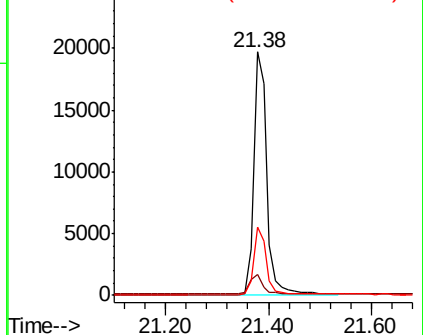
236 27.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.001 ng

RT: 19.63 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

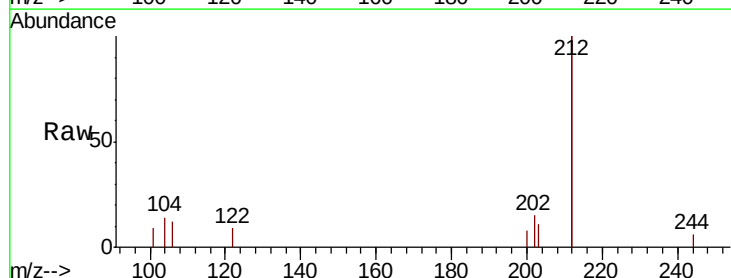
Tgt Ion:202 Resp: 148

Ion Ratio Lower Upper

202 100

200 19.6 15.8 23.8

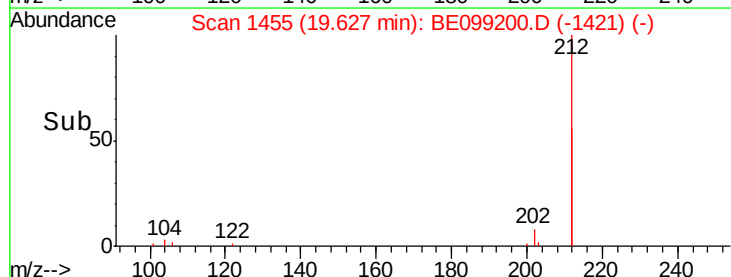
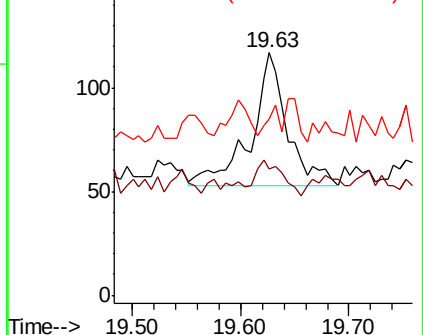
203 11.5 14.1 21.1#

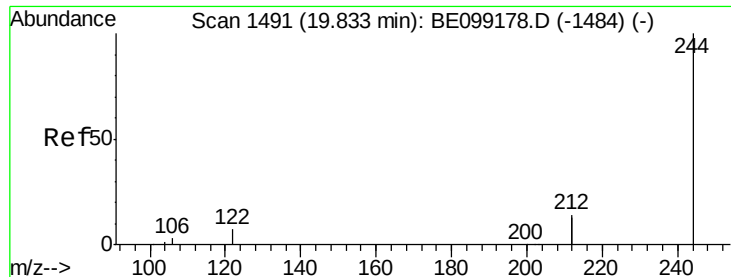


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.405 ng

RT: 19.83 min Scan# 1491

Delta R.T. 0.00 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

P004-TW001-01

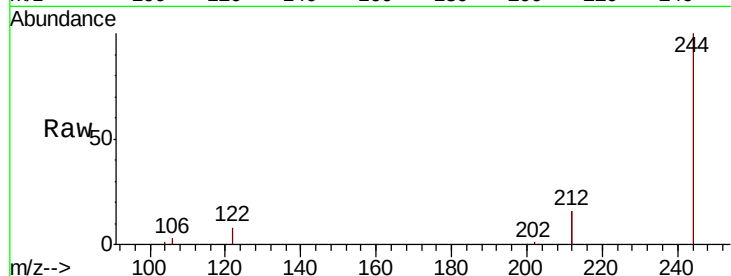
Tgt Ion:244 Resp: 30620

Ion Ratio Lower Upper

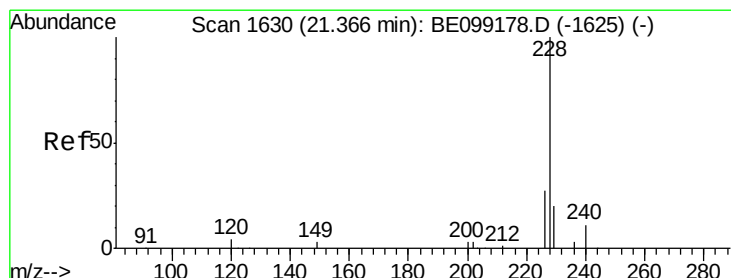
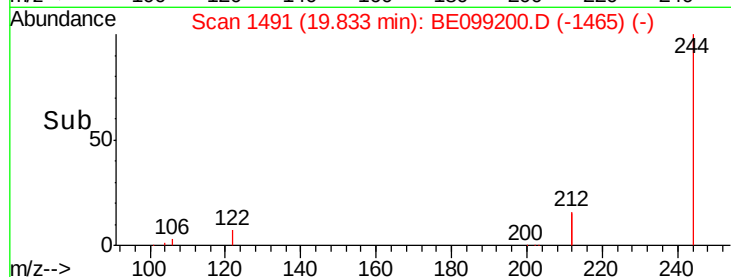
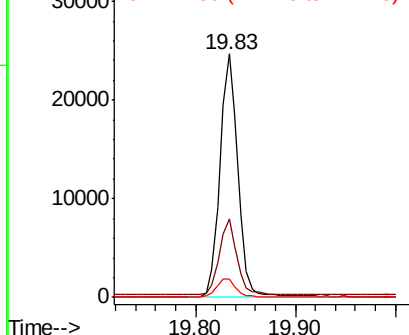
244 100

212 32.1 22.7 34.1

122 7.6 5.8 8.6



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.002 ng

RT: 21.38 min Scan# 1631

Delta R.T. 0.01 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

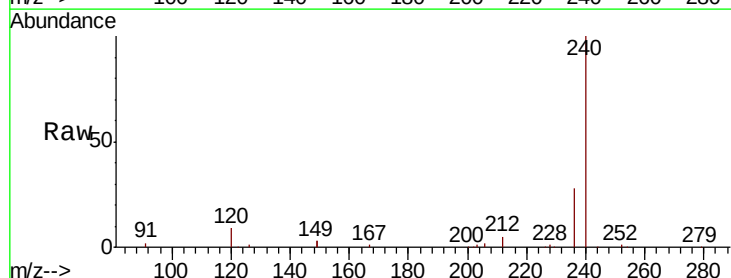
Tgt Ion:228 Resp: 187

Ion Ratio Lower Upper

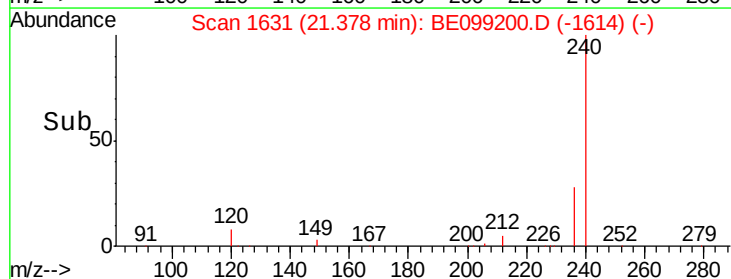
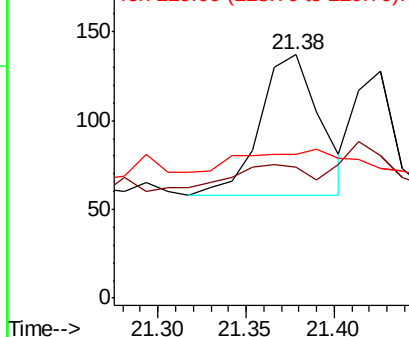
228 100

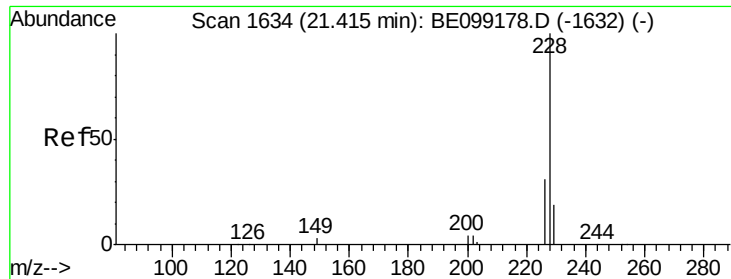
226 54.0 21.7 32.5#

229 59.1 15.9 23.9#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.001 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.04 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

P004-TW001-01

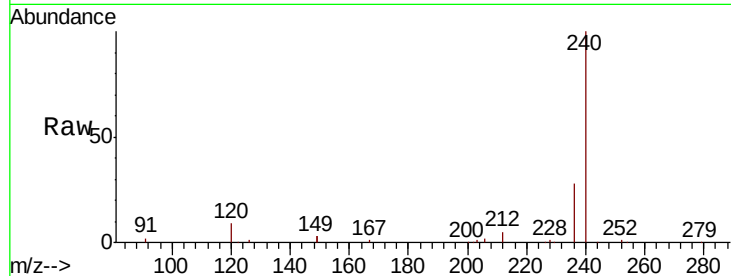
Tgt Ion: 228 Resp: 167

Ion Ratio Lower Upper

228 100

226 54.0 24.8 37.2#

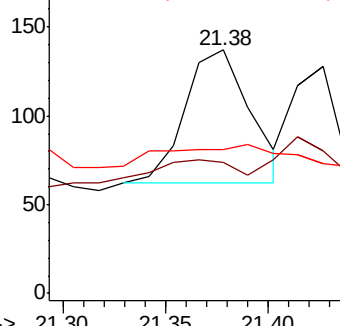
229 59.1 15.4 23.0#



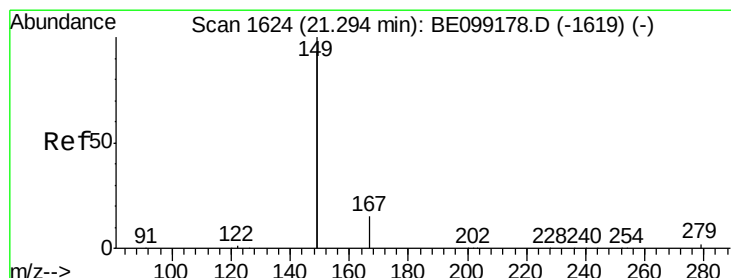
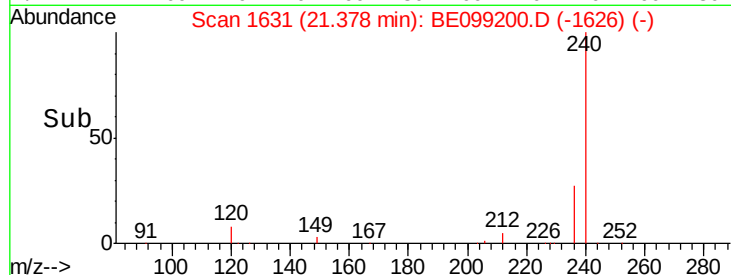
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.020 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

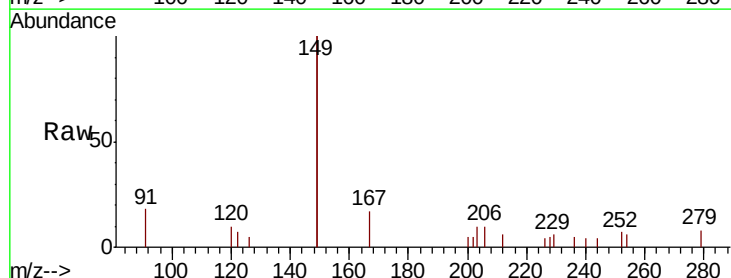
Tgt Ion: 149 Resp: 2799

Ion Ratio Lower Upper

149 100

167 8.9 5.9 8.9

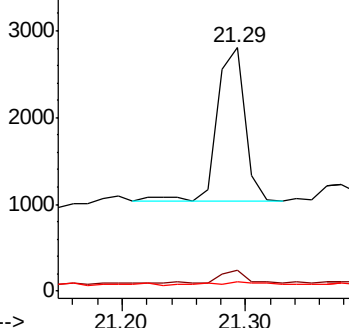
279 3.1 1.0 1.6#



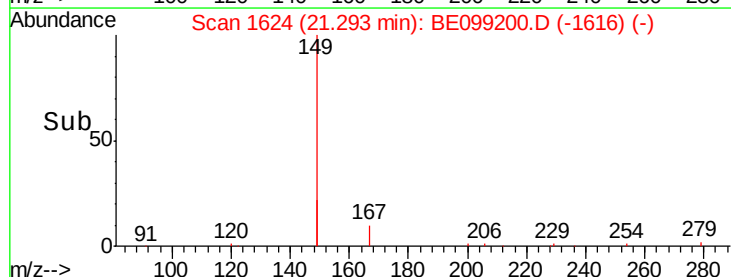
Abundance Ion 149.00 (148.70 to 149.70): E

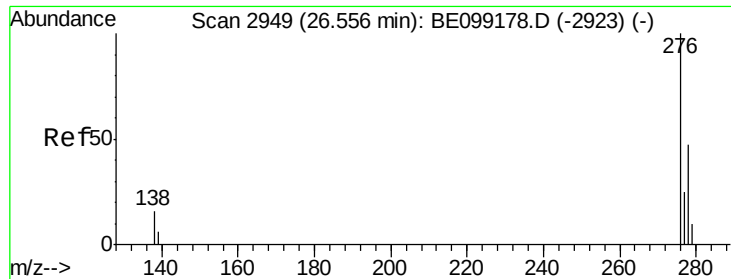
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.000 ng

RT: 26.54 min Scan# 2945

Delta R.T. -0.02 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

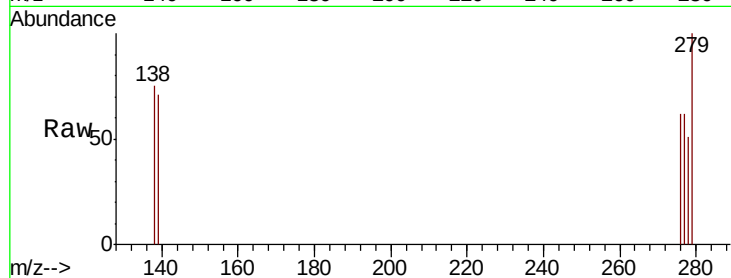
Instrument :

BNA_E

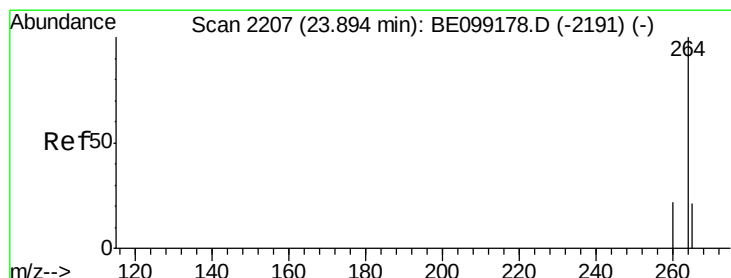
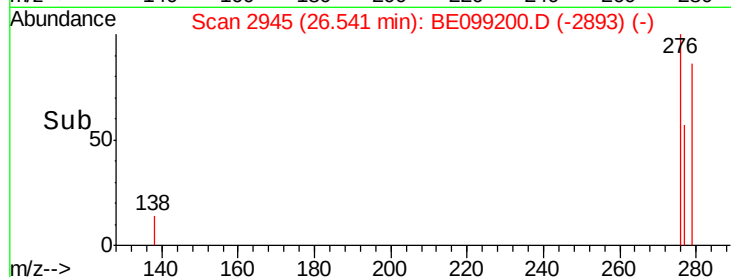
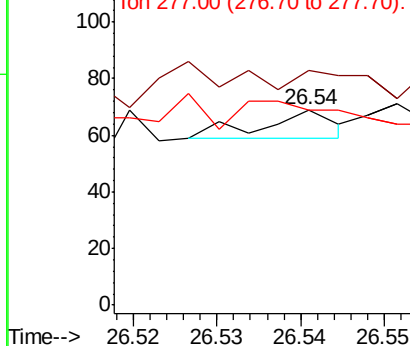
ClientSampleId :

P004-TW001-01

Tgt Ion:	276	Resp:	6
Ion	Ratio	Lower	Upper
276	100		
138	0.0	12.9	19.3#
277	150.0	18.3	27.5#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

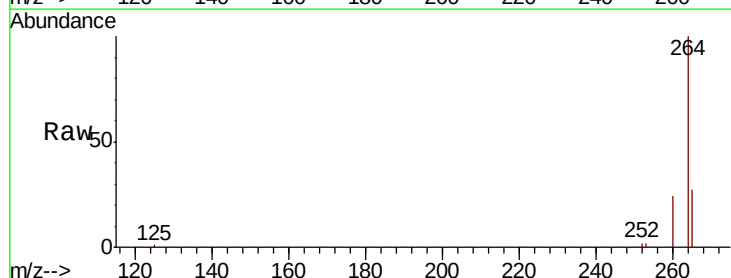
RT: 23.90 min Scan# 2208

Delta R.T. 0.00 min

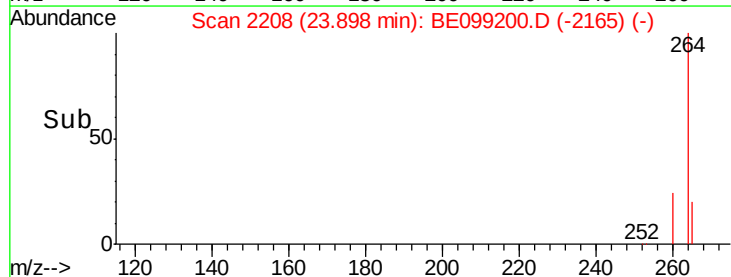
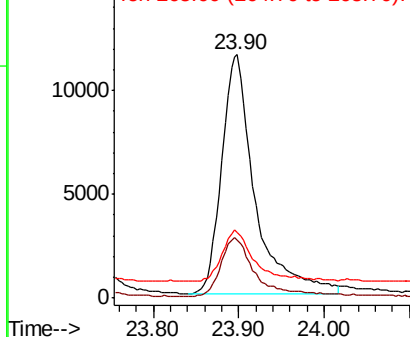
Lab File: BE099200.D

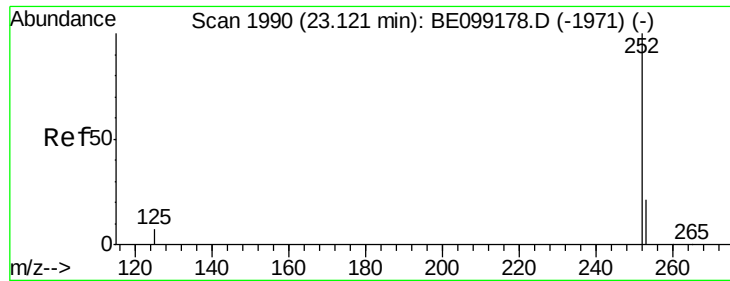
Acq: 26 Mar 2019 3:45

Tgt Ion:	264	Resp:	31228
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.2	27.2
265	27.0	21.8	32.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.002 ng

RT: 23.14 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

P004-TW001-01

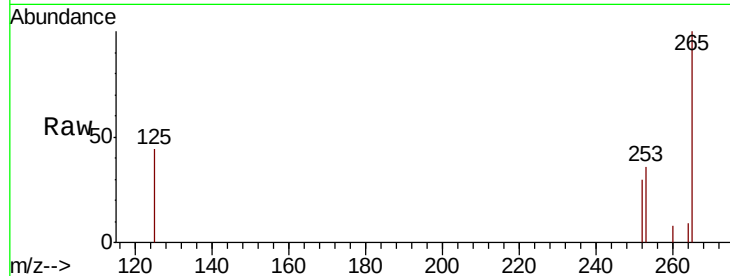
Tgt Ion: 252 Resp: 182

Ion Ratio Lower Upper

252 100

253 118.8 17.8 26.8#

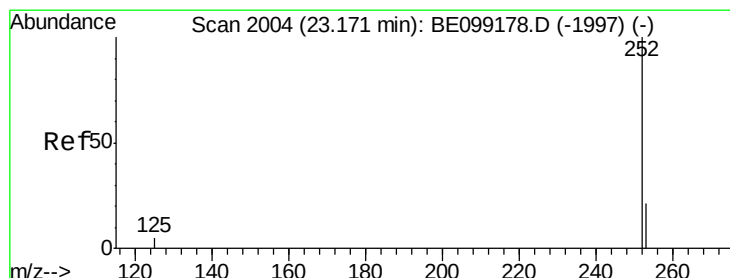
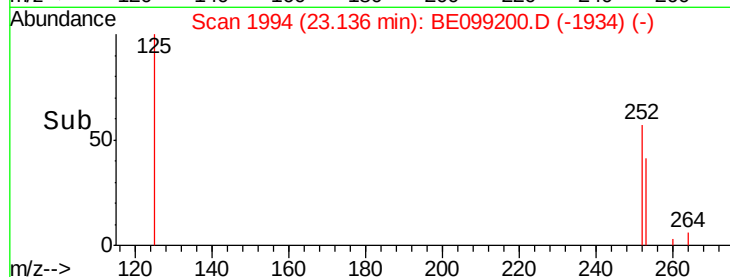
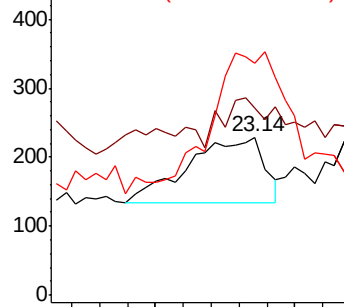
125 146.7 6.1 9.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.001 ng

RT: 23.17 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

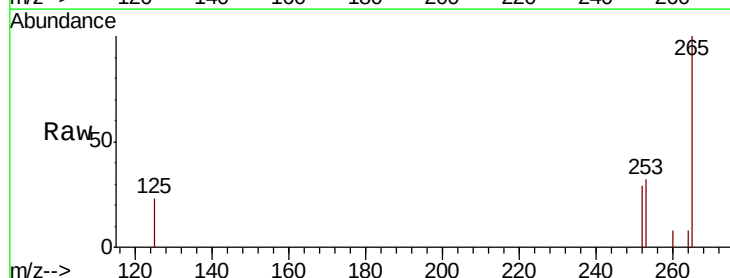
Tgt Ion: 252 Resp: 77

Ion Ratio Lower Upper

252 100

253 109.9 17.8 26.6#

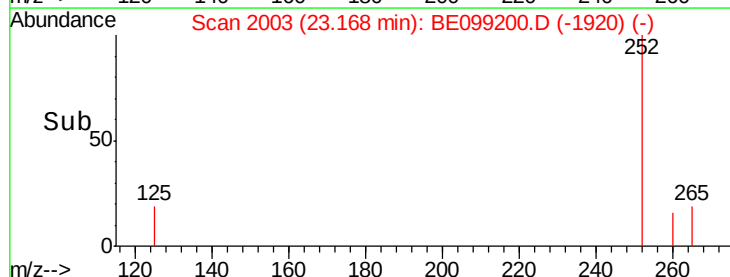
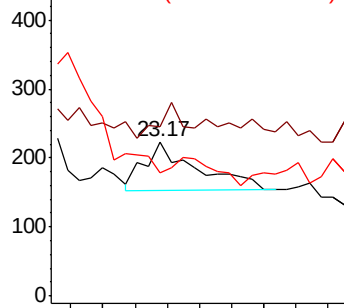
125 79.8 5.9 8.9#

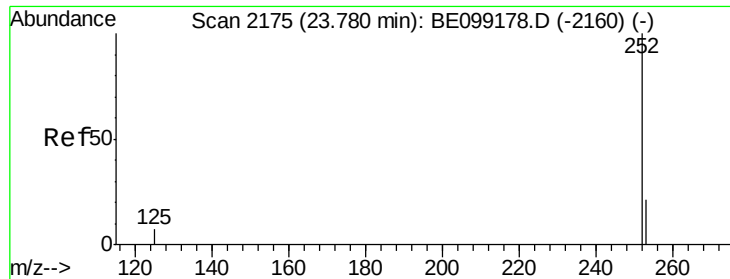


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.000 ng

RT: 23.79 min Scan# 2178

Delta R.T. 0.01 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

P004-TW001-01

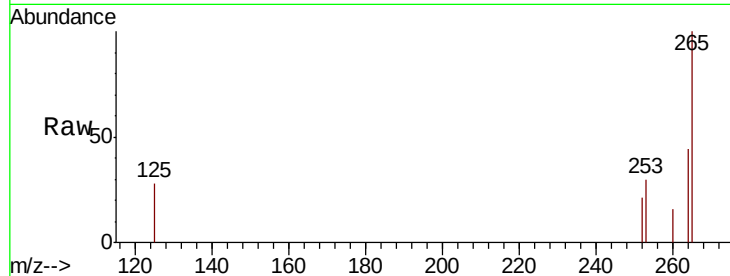
Tgt Ion: 252 Resp: 40

Ion Ratio Lower Upper

252 100

253 141.9 18.1 27.1#

125 128.5 6.8 10.2#

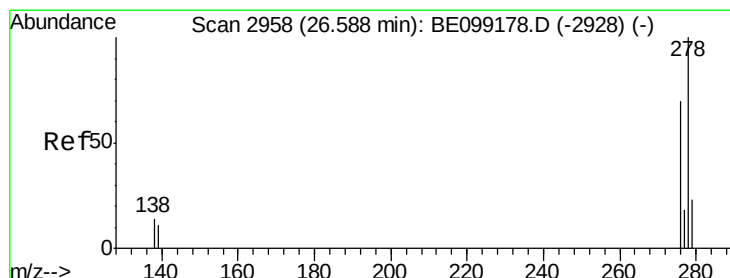
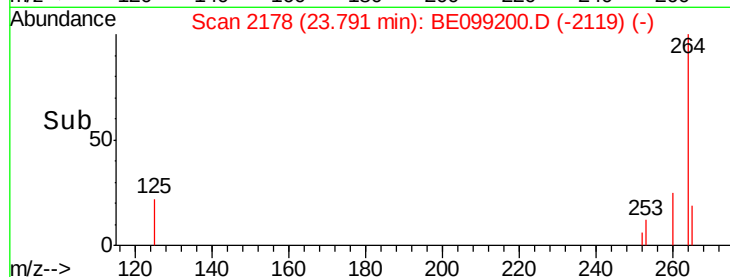
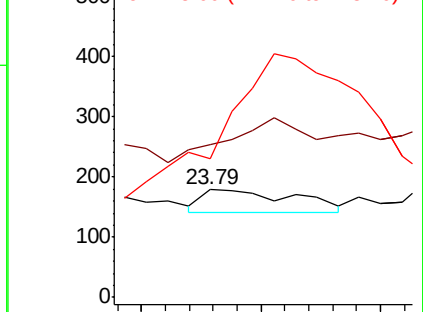


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 26.59 min Scan# 2960

Delta R.T. 0.01 min

Lab File: BE099200.D

Acq: 26 Mar 2019 3:45

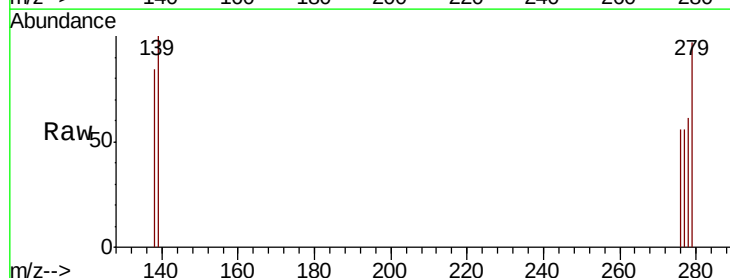
Tgt Ion: 278 Resp: 2

Ion Ratio Lower Upper

278 100

139 164.8 9.5 14.3#

279 160.6 19.1 28.7#

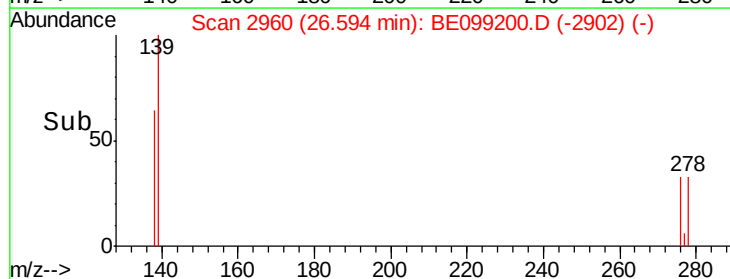
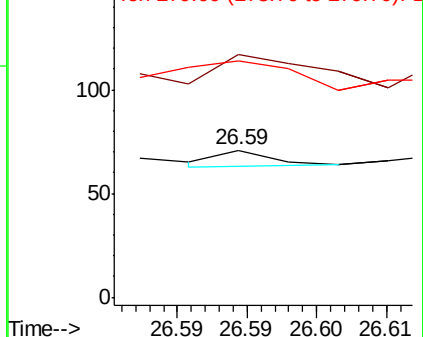


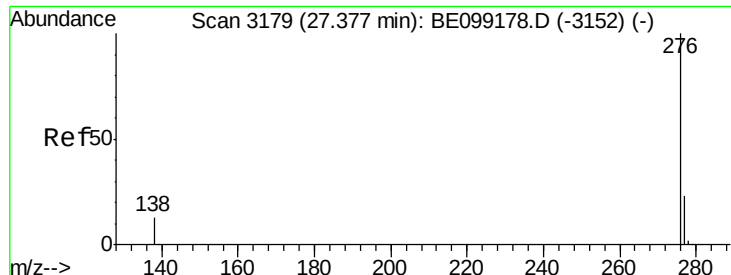
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.000 ng

RT: 27.38 min Scan# 3180

Delta R.T. 0.00 min

Lab File: BE099200.D

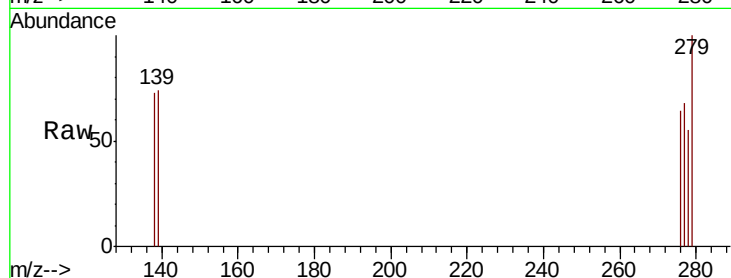
Acq: 26 Mar 2019 3:45

Instrument :

BNA_E

ClientSampleId :

P004-TW001-01



Tgt Ion: 276 Resp: 13

Ion Ratio Lower Upper

276 100

277 107.0 19.0 28.4#

138 114.1 11.1 16.7#

